Create call Test with 3CX Phone System.

To create Loop call test, we need to following steps.

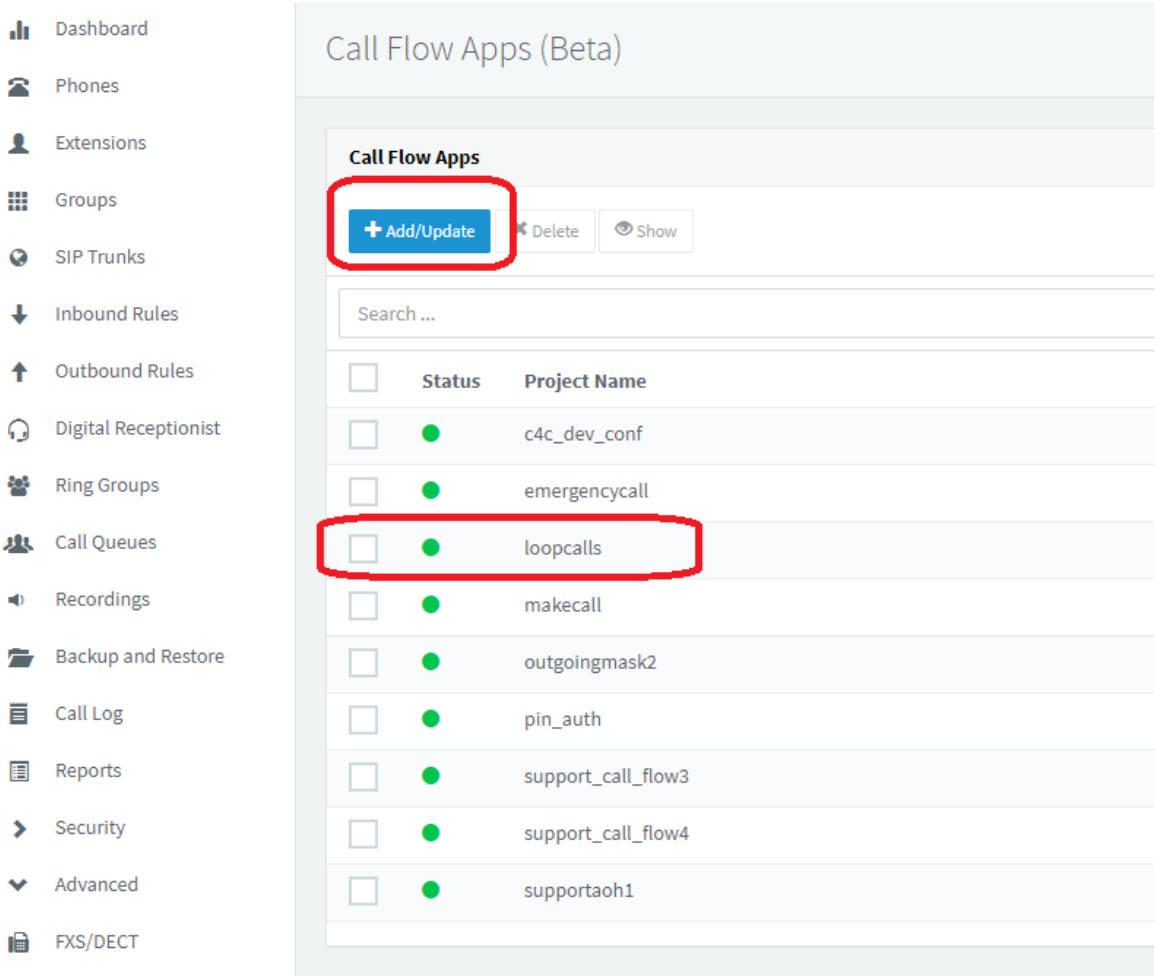
- Upload VAD
- Configure SIP trunk
- Create Inbound Rules
- Create Outbound Rules

Upload VAD

Please upload attached VAD in your 3CX.

LoopCalls.zip

Login to management console →Advanced→ Call flow Apps

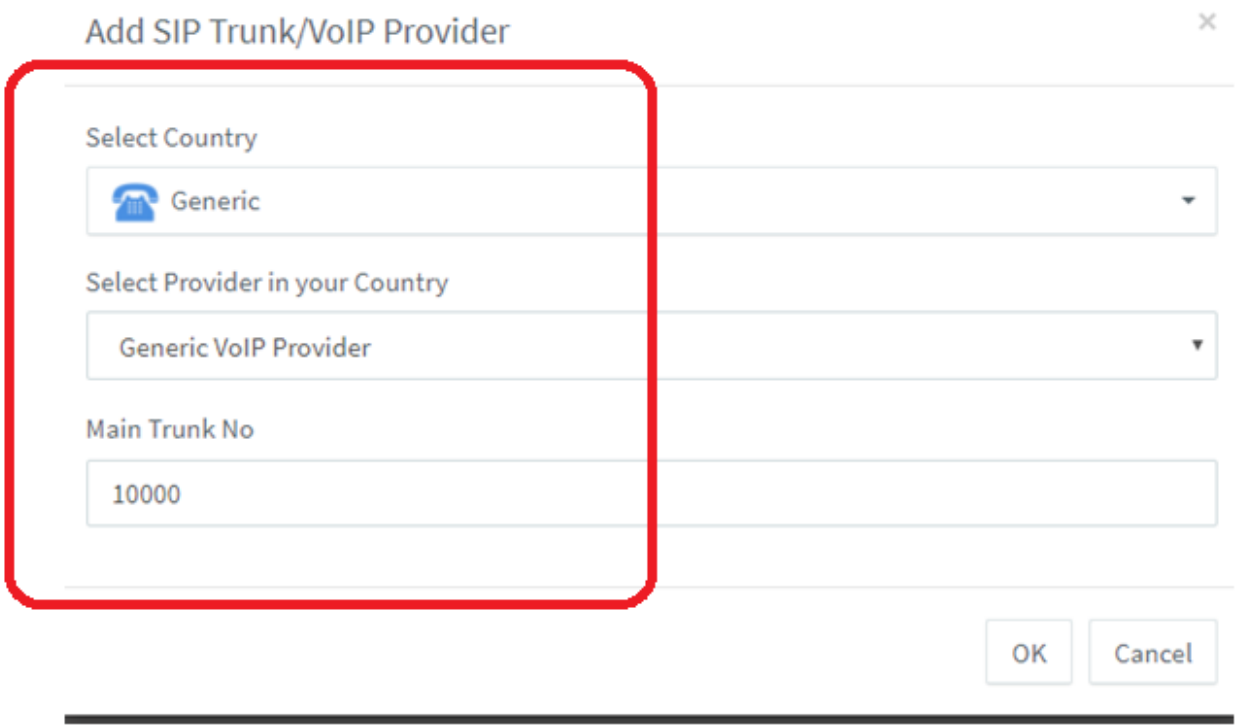


Configure SIP Trunk

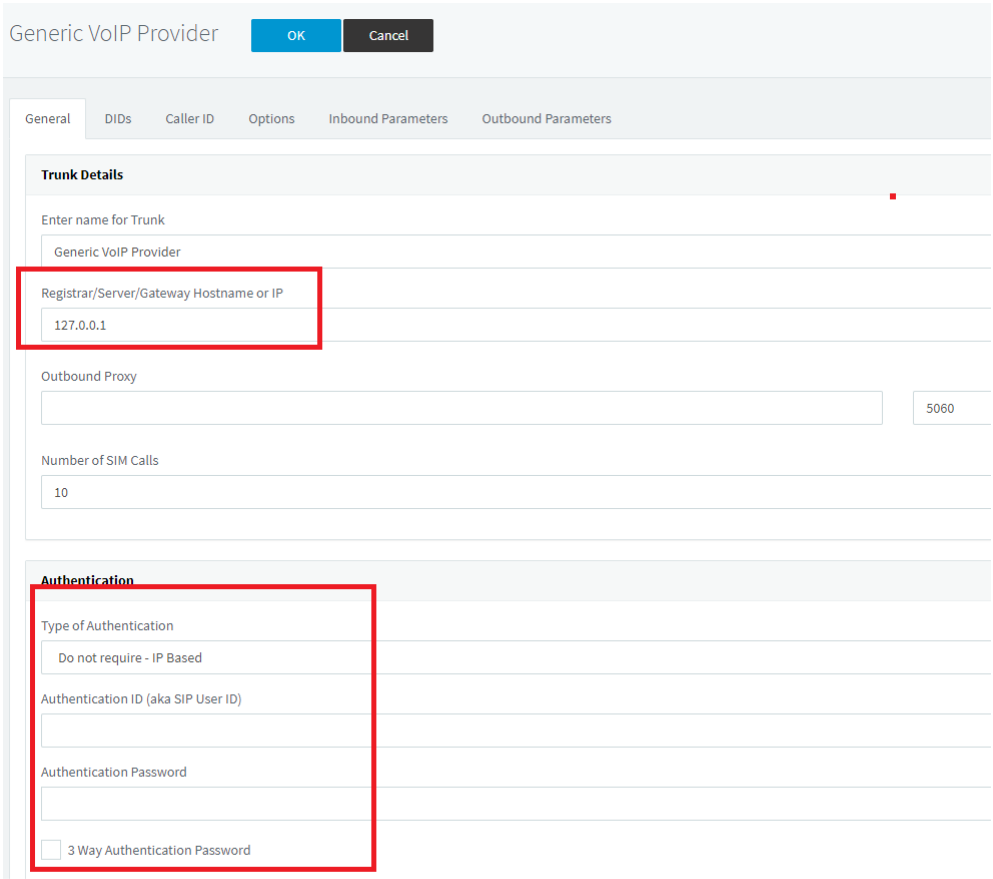
To create loop Trunk, we need to use PBX IP or local IP 127.0.0.1 to configure. Use follows

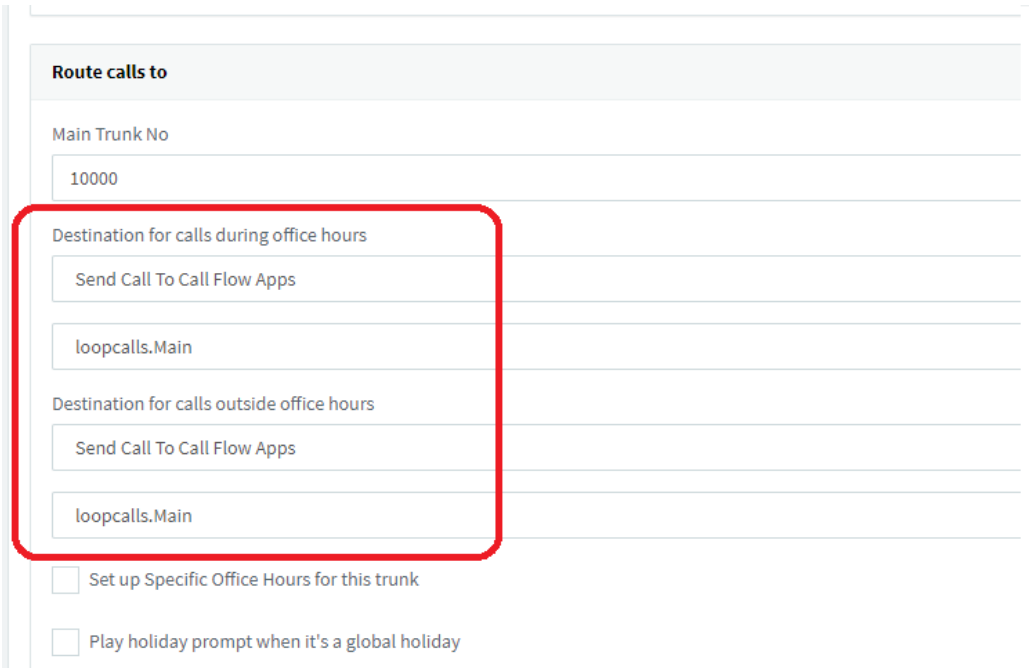
SIP Server IP: 127.0.0.1 OR PBX Local IP

Go to SIP Trunk → Add SIP Trunk & Follow the below settings



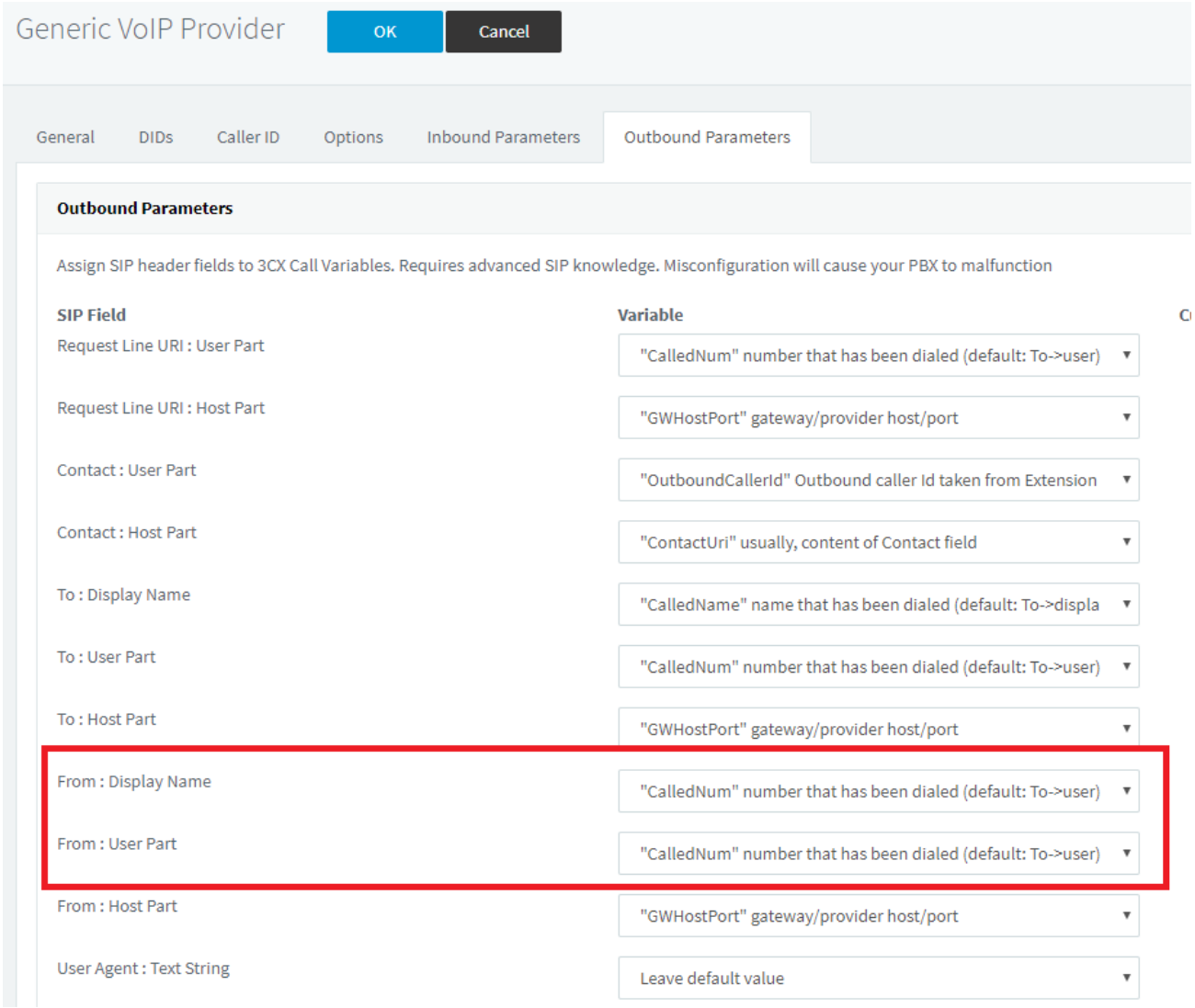
Once Click OK, then use following details to configure the Trunk.


Generic VoIP Provider
OK
Cancel
General
DIDs
Caller ID
Options
Inbound Parameters
Outbound Parameters
Trunk Details
Enter name for Trunk
Generic VoIP Provider
Registrar/Server/Gateway Hostname or IP
127.0.0.1
Outbound Proxy
5060
Number of SIM Calls
10
Authentication
Type of Authentication
Do not require - IP Based
Authentication ID (aka SIP User ID)
Authentication Password
3 Way Authentication Password


Route calls to
Main Trunk No
10000
Destination for calls during office hours
Send Call To Call Flow Apps
loopcalls.Main
Destination for calls outside office hours
Send Call To Call Flow Apps
loopcalls.Main
Set up Specific Office Hours for this trunk
Play holiday prompt when it's a global holiday

Add DID Numbers based on how Many calls you needed. If you need 16 calls you may need to add up to 21 digit 9 . you can add any digits and call from different extension also possible.

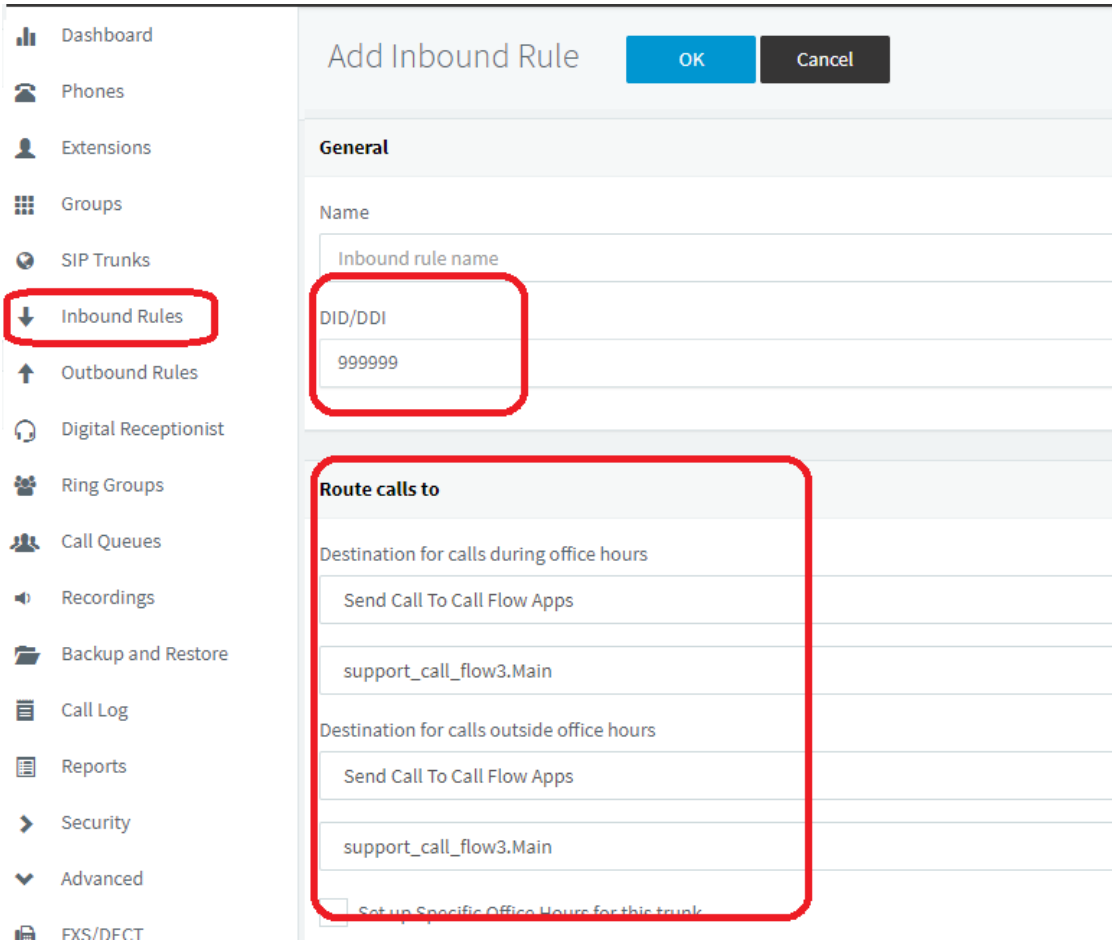
Need to change the below outbound parameter.

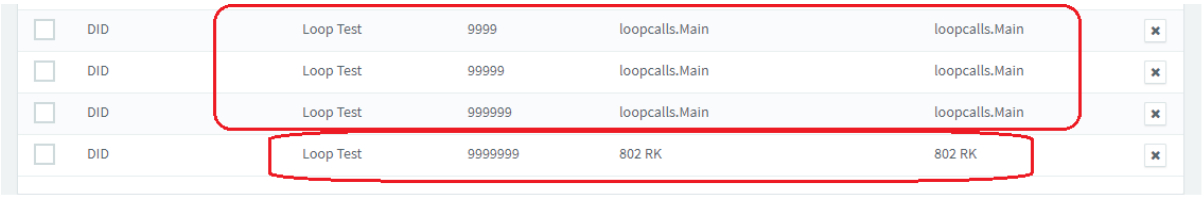


Once changed. Press Ok

Inbound Rules

Go to Inbound rules and create inbound rule based on the number of calls want to loop.





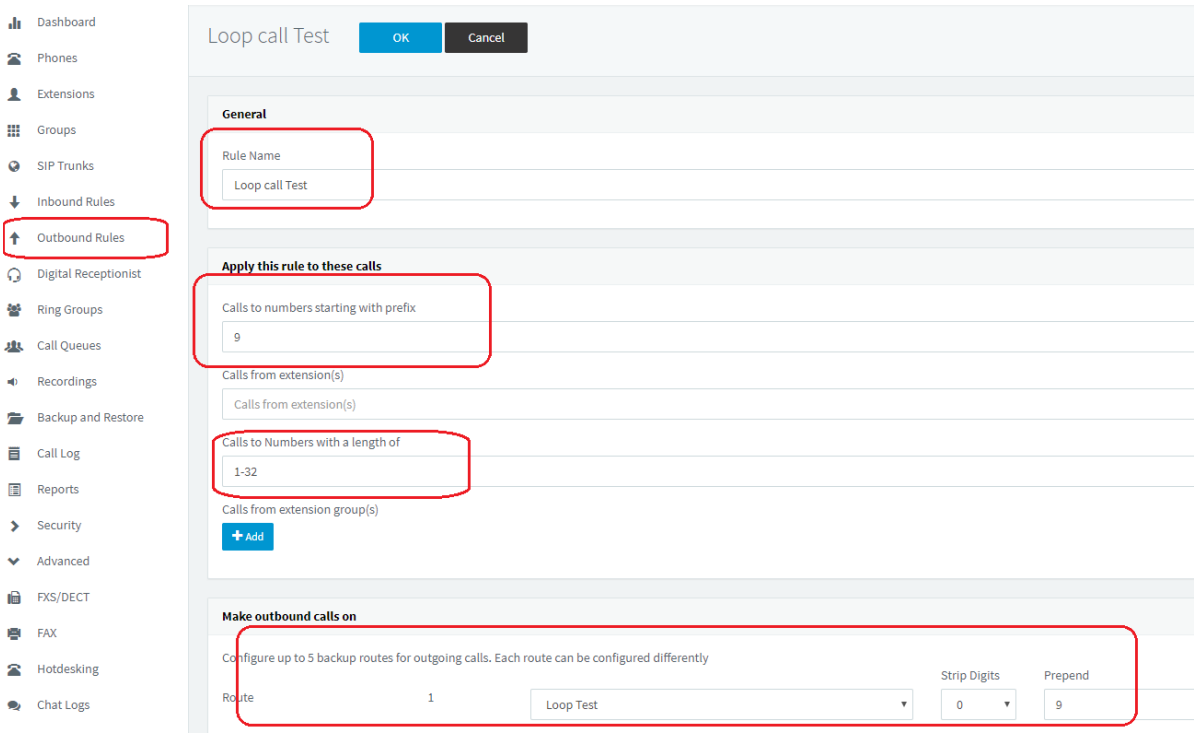
Note: The inbound rule must create & pointed to Call flow apps but final inbound call should be pointed to extension to answer the loop call.

DID & Inbound rules to be create based on how many calls do we need to loop

Single inbound rule considered as 2 SC so above screen short 8 Can loop 8 SC calls.

Create Outbound Rules

Outbound rule we need to use prefix 9 to create outbound rules. If you create multiple digit each digit should have separate outbound rules.



Now You can dial number 9 from your extension. It will get loop finally it reaches the extension based on your inbound rule's configuration. The calls will be hold until disconnected the call.

Thank you